

Flood Management Strategy (FMS)



Title **Rowlett Creek Tributary Maintenance Program**

ID# **032000044** Sponsor **Sachse**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Other**

Strategy description **Develop a maintenance program including routine channel maintenance and erosion control for Rowlett Creek Tributary (Stream 2D13). Keep creek and inlets clear of debris and overgrown vegetation.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301060409,120301060402,120301060406,120301060407,1203010501** Drainage area (mi², est.) **57**

County **Dallas**

Existing 100-Year Flood Risk

Population at risk **7,586** # of structures **1,005** Critical facilities **10**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **627** Roadway(s) impacted (miles) **30**

Number of low water crossings **39** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

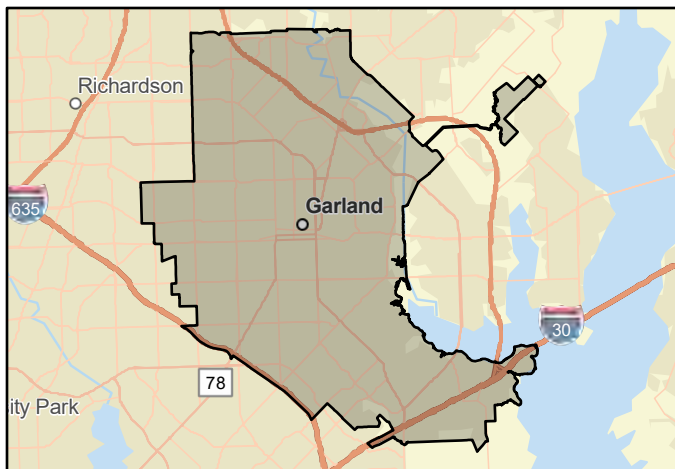
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$250,000** Amount of available funding **\$25000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Addison-Carrollton Debris Cleaning Program**

ID# **032000045** Sponsor **Addison, Carrollton**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Other**

Strategy description **Develop and implement a program for clearing debris from bridges, drains and culverts.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301040307,120301031002,120301031005,120301031004,1203010310** Drainage area (mi², est.) **42**

County **Dallas**

Existing 100-Year Flood Risk

Population at risk **16,581** # of structures **1,081** Critical facilities **18**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **617** Roadway(s) impacted (miles) **49**

Number of low water crossings **19** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

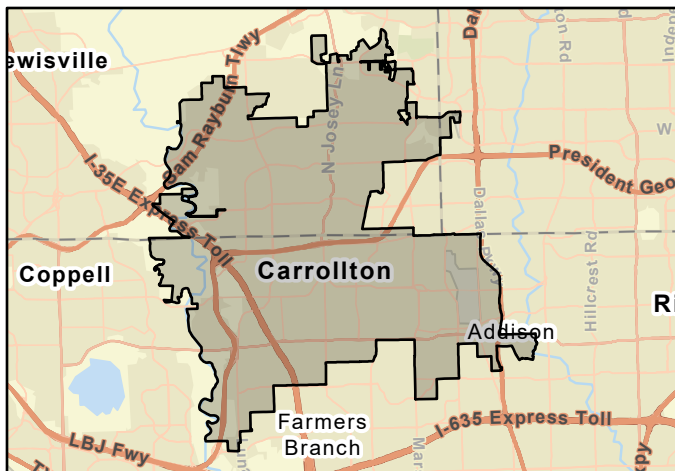
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$100,000** Amount of available funding **\$10000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Navarro County Waterways Clearing**

ID# **032000046** Sponsor **Corsicana**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Other		
Strategy description	Develop a maintenance program to clear waterways of debris and prevent further collection of debris in waterways		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	24
Watershed HUC# (if known)	120301080403,120301090404,120301090405,120301080404,1203010802		County
			Navarro

Existing 100-Year Flood Risk

Population at risk	1,647	# of structures	487	Critical facilities	6
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	797	Roadway(s) impacted (miles)	27		
Number of low water crossings	33	Historical road closures	-		

100-Year Flood Risk Reduction

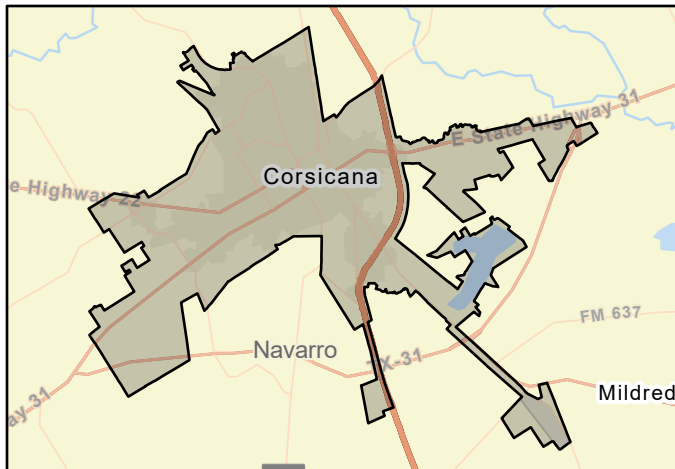
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	No	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$75,000	Amount of available funding	\$7500	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Weatherford Biannual Dam Inspection Program**

ID# **032000047** Sponsor **Weatherford**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Other**

Strategy description **Create and implement a biannual inspection program to inspect the city-owned dams to help prevent dam failure**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301020205,120602011201,120301020103,120301020203,1203010202** Drainage area (mi², est.) **26**

County **Parker**

Existing 100-Year Flood Risk

Population at risk **2,170** # of structures **520** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **759** Roadway(s) impacted (miles) **18**

Number of low water crossings **6** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

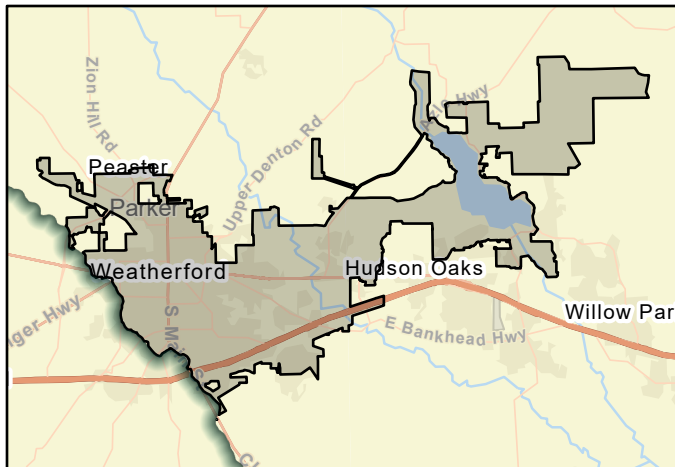
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$5000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Richland Hills Semi-Annual Levee Inspections**

ID# **032000048** Sponsor **Richland Hills**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Other**

Strategy description **Prepare an inspection program of the levee to look for any maintenance problems or levee failure issues**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301020506,120301020505,120301020503** Drainage area (mi², est.) **3**

County **Tarrant**

Existing 100-Year Flood Risk

Population at risk **1,882** # of structures **404** Critical facilities **2**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **4** Roadway(s) impacted (miles) **7**

Number of low water crossings **15** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

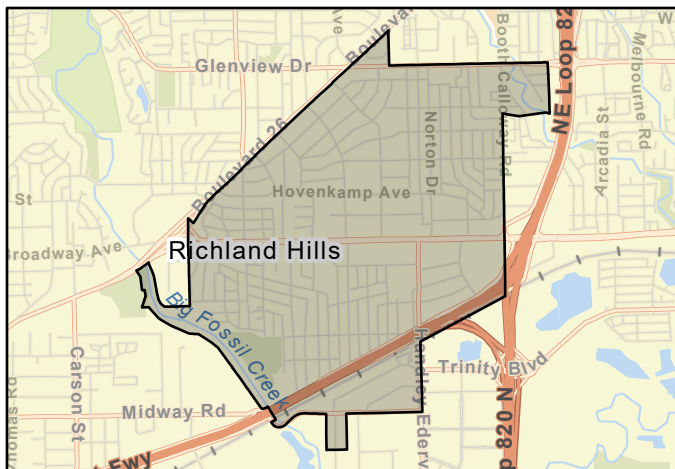
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hazard Hardening Retrofit for Polk County Facilities**

ID# **032000050** Sponsor **Polk County, Corrigan, Goodrich, Livingston,**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Floodproofing		
Strategy description	Flood-proofing, impact resistant windows, storm shutter, roof strap, structural bracing, low-flow plumbing fixture, roll-up door reinforcement, grounding system, surge-protection, data back-up systems, plumbing reinforcement and insulation, heat resistant		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	1,112
Watershed HUC# (if known)	120302020601,120302020504	County	Polk

Existing 100-Year Flood Risk

Population at risk	2,681	# of structures	1,797	Critical facilities	31
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	13,977	Roadway(s) impacted (miles)	95		
Number of low water crossings	3	Historical road closures	-		

100-Year Flood Risk Reduction

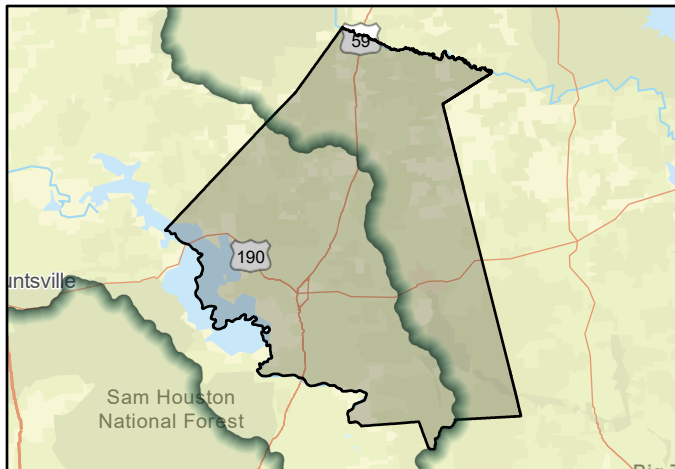
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	No	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$30,000,000	Amount of available funding	\$3000000	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Acquire and Protect Red Oak Creek, Bentle Branch Creek, and Balcones Escarpment**

ID# **032000051** Sponsor **Cedar Hill**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Acquire areas in the floodplain and protect environmentally sensitive areas and convert them into open space land		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	32
Watershed HUC# (if known)	120301020603,120301050301,120301020606,120301050201,1203010903		County
			Dallas

Existing 100-Year Flood Risk

Population at risk	3,969	# of structures	315	Critical facilities	3
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	216	Roadway(s) impacted (miles)	17		
Number of low water crossings	1	Historical road closures	-		

100-Year Flood Risk Reduction

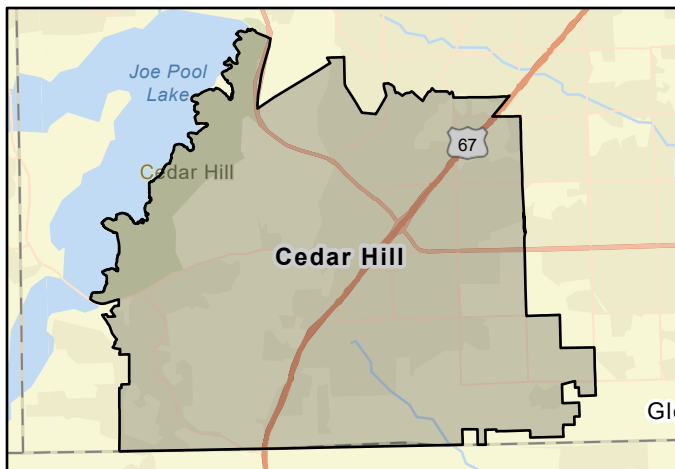
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	Acquire areas in the floodplain and protect		Reduction in # of road closures over 10 years
			-

Impacts

Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$5,000,000	Amount of available funding	\$500000	% Nature-Based	100
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Ten Mile Creek Comprehensive Loss Reduction Program**

ID# **032000052** Sponsor **Lancaster**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Develop a comprehensive loss reduction program, involving buy outs and relocation in areas along Ten Mile Creek to reduce losses and repetitive damages. Buyout structures that are in the floodplain. Land Acquisition for repetitive loss structures**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301050107,120301050201,120301050202,120301050108,1203010503** Drainage area (mi², est.) **33**

County **Dallas**

Existing 100-Year Flood Risk

Population at risk **3,800** # of structures **316** Critical facilities **3**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **562** Roadway(s) impacted (miles) **13**

Number of low water crossings **14** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

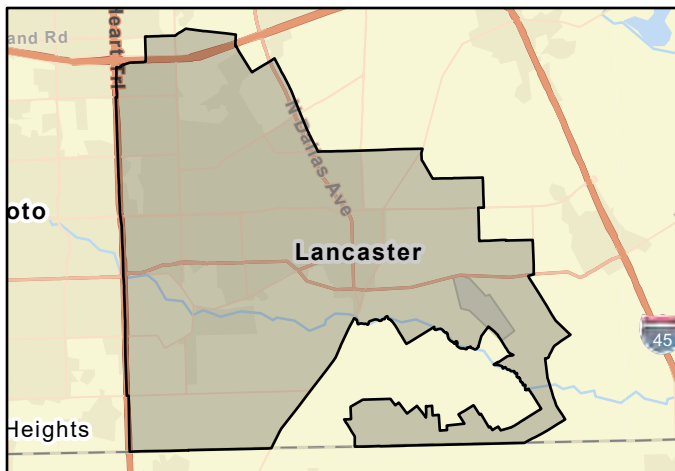
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Midway Property Acquisition and Elevation Program**

ID# **032000053** Sponsor **Midway**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire existing homes located in the identified special flood hazard area (the 100-year floodplain).**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120302020601,120302020504** Drainage area (mi², est.) **1**

County **Madison**

Existing 100-Year Flood Risk

Population at risk **6** # of structures **2** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **42** Roadway(s) impacted (miles) **0**

Number of low water crossings **0** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

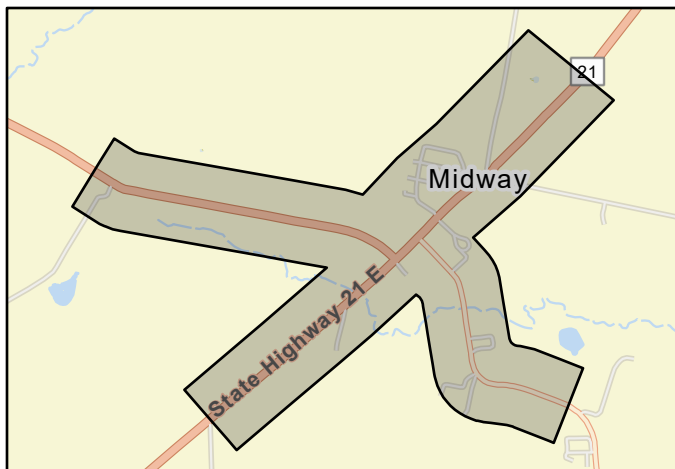
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Montague County Property Acquisition and Land Preservation Program**

ID# **032000054** Sponsor **Montague County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire and preserve open space adjacent to floodplain areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301060406,120301060408,120301060403** Drainage area (mi², est.) **933**

County **Montague**

Existing 100-Year Flood Risk

Population at risk **0** # of structures **0** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (miles) **57**

Number of low water crossings **3** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **Acquire and preserve open space adjacent to** Reduction in # of road closures over 10 years **-**

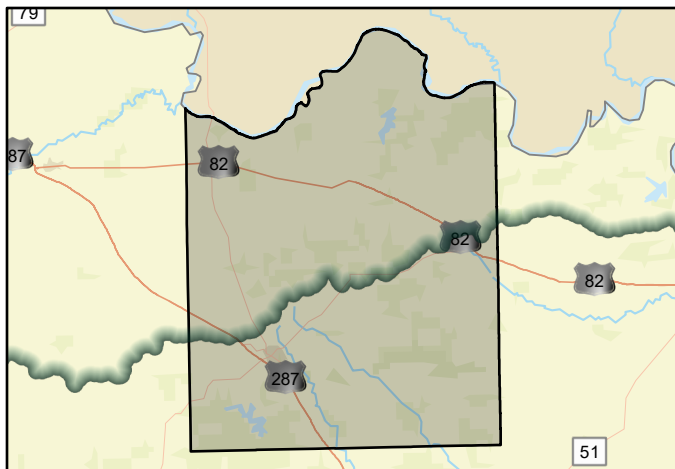
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **100**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Montague County Sewage Treatment Plants and Sewage Lift Stations Flood-Proofing Program**

ID# **032000055** Sponsor **Montague County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Floodproofing		
Strategy description	Flood-proof sewage treatment plants in flood hazard / low-lying areas within Region 3. Raise electrical components of sewage lift stations above the Base Flood Elevation (BFE)		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	933
Watershed HUC# (if known)	120301060406,120301060408,120301060403	County	Montague

Existing 100-Year Flood Risk

Population at risk	0	# of structures	0	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	0	Roadway(s) impacted (miles)	57		
Number of low water crossings	3	Historical road closures	-		

100-Year Flood Risk Reduction

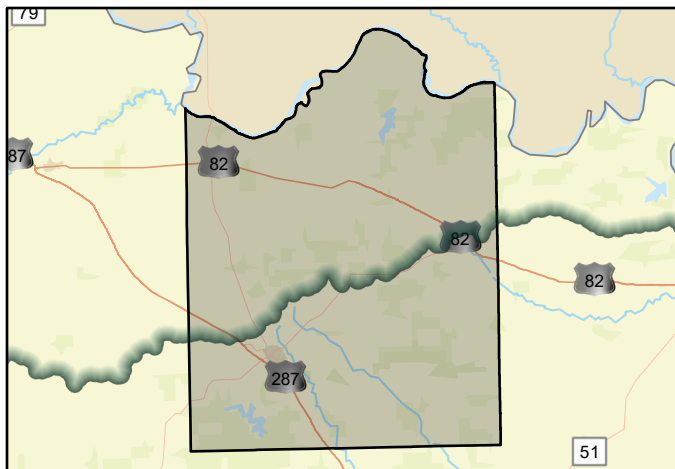
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	No	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$500,000	Amount of available funding	\$500000	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **San Jacinto County Voluntary Property Acquisition & Elevation Program**

ID# **032000056** Sponsor **Shepherd, San Jacinto County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Pursue voluntary acquisition projects for flood prone properties. Elevate homes in low lying or flood prone areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120302021207,120302021201** Drainage area (mi², est.) **6**

County **San Jacinto**

Existing 100-Year Flood Risk

Population at risk **702** # of structures **139** Critical facilities **3**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **55** Roadway(s) impacted (miles) **6**

Number of low water crossings **0** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

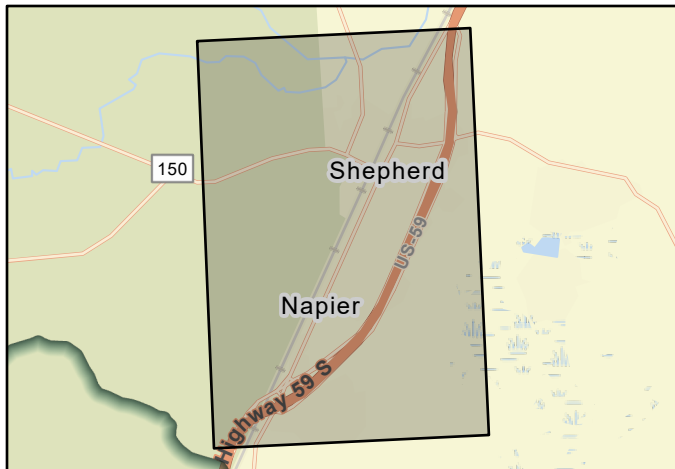
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Johnson County Acquisition of Flood Prone Structures**

ID# **032000057** Sponsor **Johnson County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire, relocate, and/or elevate flood prone structures**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301060406,120301060408,120301060403** Drainage area (mi², est.) **731**

County **Johnson**

Existing 100-Year Flood Risk

Population at risk **4,897** # of structures **1,851** Critical facilities **12**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **18,202** Roadway(s) impacted (miles) **62**

Number of low water crossings **372** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

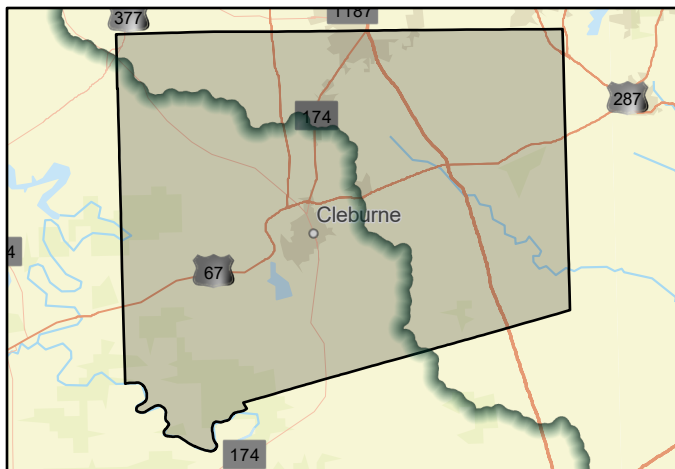
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title Acquisition of Repetitive Loss Properties in the Deep River Plantation Subdivision

ID# 032000058 Sponsor Walker County

RFPG recommend? Yes Reason for Recommendation Action aligns with goals and meets TWDB guidance

Strategy Details

Strategy type	Property Acquisition and Structural Elevation		
Strategy description	Acquire repetitive flood loss properties and properties prone to flooding in the Deep River Plantation Subdivision		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	798
Watershed HUC# (if known)	120302021207,120302021201	County	Walker

Existing 100-Year Flood Risk

Population at risk	4,303	# of structures	1,654	Critical facilities	11
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	28,692	Roadway(s) impacted (miles)	59		
Number of low water crossings	5	Historical road closures	-		

100-Year Flood Risk Reduction

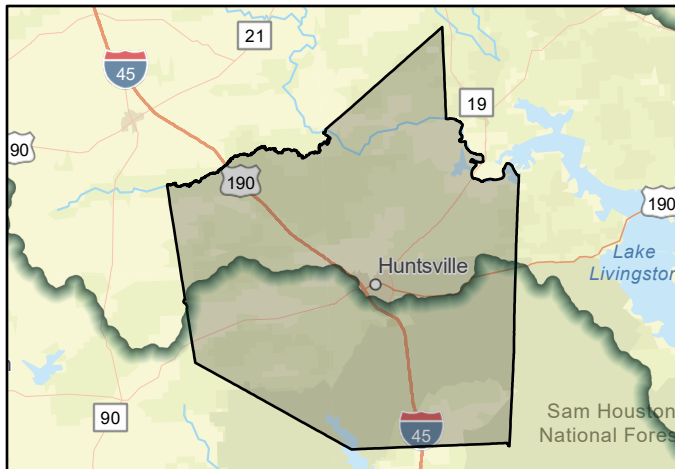
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	No	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$5,000,000	Amount of available funding	\$500000	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Anderson County Floodplain Acquisition and Preservation Program**

ID# **032000059** Sponsor **Anderson County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire and preserve open spaces adjacent to floodplain areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **1,073**

County **Anderson**

Existing 100-Year Flood Risk

Population at risk **1,408** # of structures **667** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **36,104** Roadway(s) impacted (miles) **73**

Number of low water crossings **6** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

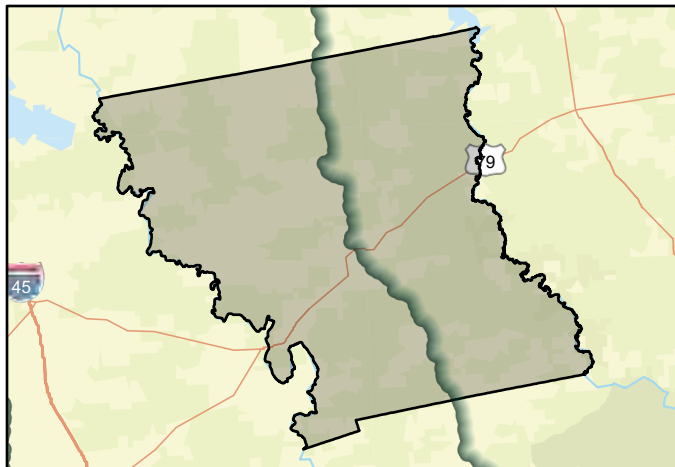
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

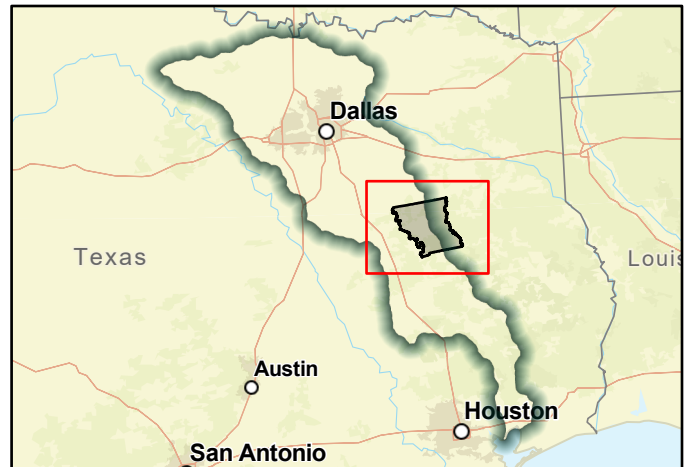
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **100**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Collin County Property and Structures Buyout Program**

ID# **032000060** Sponsor **Collin County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Develop and implement a buyout program for personal properties and structures located in the floodplain**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **883**

County **Collin**

Existing 100-Year Flood Risk

Population at risk **17,576** # of structures **2,842** Critical facilities **26**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **34,154** Roadway(s) impacted (miles) **146**

Number of low water crossings **55** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

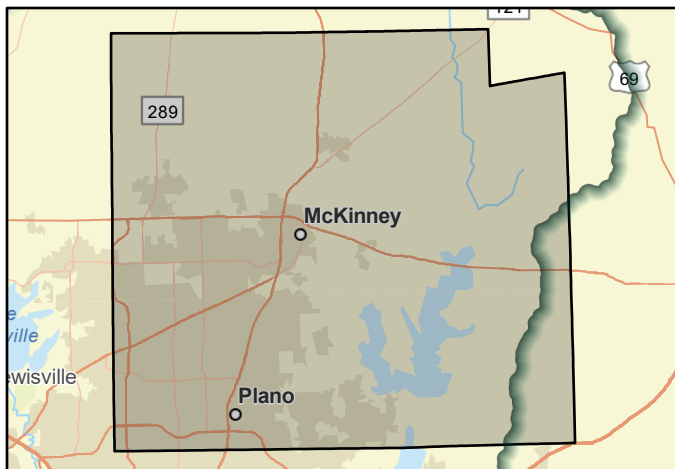
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Cooke County Acquisition of Repetitive Loss and Damaged Properties**

ID# **032000061** Sponsor **Cooke County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Purchase and removal of damaged homes that are located in the floodplain. Buyout of repetitive flood loss properties in the Wilson Court area.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **893**

County **Cooke**

Existing 100-Year Flood Risk

Population at risk **2,077** # of structures **1,328** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **40,879** Roadway(s) impacted (miles) **81**

Number of low water crossings **32** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **90** # of structures removed from 100-yr **30**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

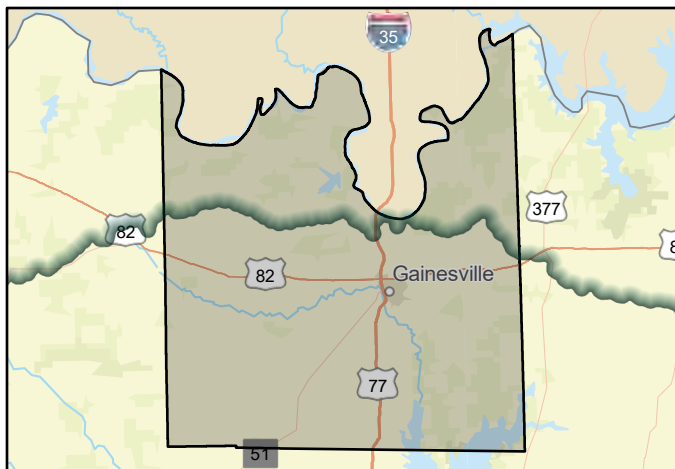
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

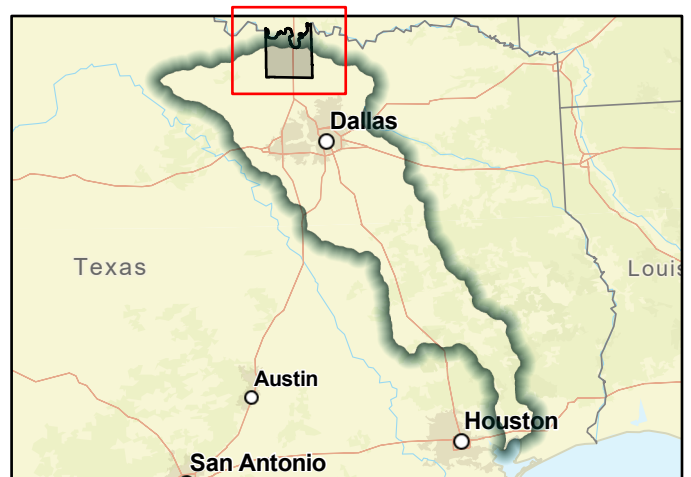
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Dallas County Acquisition of Flood-Prone and Repetitive Loss Properties**

ID# **032000062** Sponsor **Dallas County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquisition / demolition of 46 flood-prone and repetitive loss properties.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301030402,120301030404** Drainage area (mi², est.) **905**

County **Dallas**

Existing 100-Year Flood Risk

Population at risk **181,697** # of structures **22,225** Critical facilities **369**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **31,558** Roadway(s) impacted (miles) **791**

Number of low water crossings **387** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **117** # of structures removed from 100-yr **46**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000,000** Amount of available funding **\$5000000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Grayson County Buyout of Repetitive Flood Properties**

ID# **032000063** Sponsor **Grayson County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Buyout of repetitive flood properties, which includes any structures found to be located in flood areas that aren't incorporated in NFIP areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301060406,120301060408,120301060403** Drainage area (mi², est.) **976**

County **Grayson**

Existing 100-Year Flood Risk

Population at risk **541** # of structures **436** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **21,311** Roadway(s) impacted (miles) **43**

Number of low water crossings **1** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

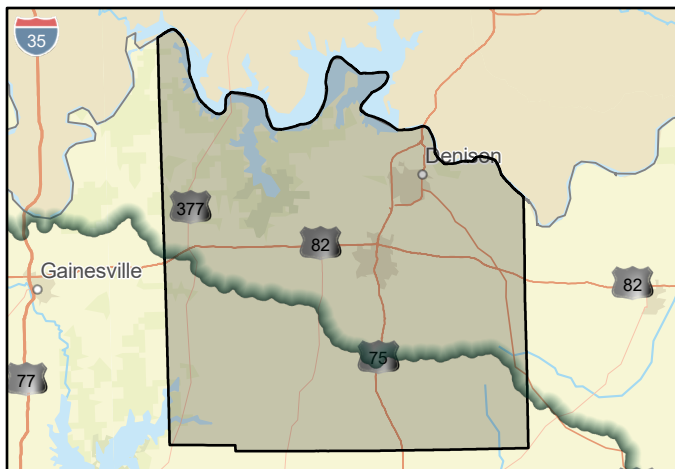
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

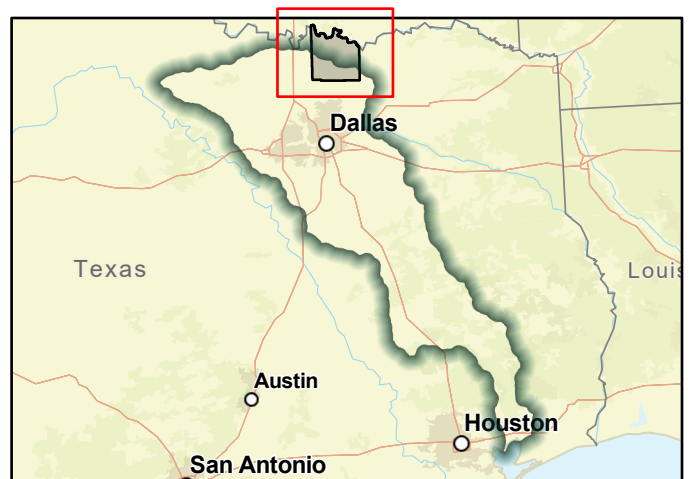
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Terrell Property Acquisition Program**

ID# **032000064** Sponsor **Terrell**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire high risk and repetitive flood-prone structures**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301070105,120301070103,120301070106,120301070107,1203010701** Drainage area (mi², est.) **25**

County **Kaufman**

Existing 100-Year Flood Risk

Population at risk **836** # of structures **156** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **1,655** Roadway(s) impacted (miles) **23**

Number of low water crossings **6** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

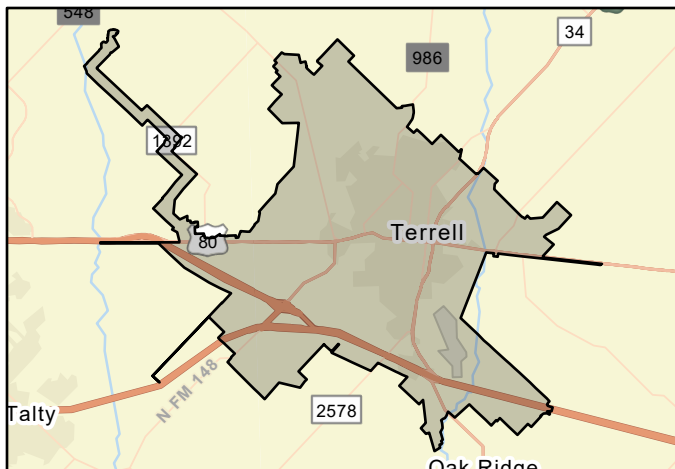
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Leon County Property Acquisition Program**

ID# **032000065** Sponsor **Leon County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire any repetitive loss structures located below the high hazard dams and homes located in the floodplain.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301070105,120301070103,120301070106,120301070107,1203010701** Drainage area (mi², est.) **1,076**

County **Leon**

Existing 100-Year Flood Risk

Population at risk **636** # of structures **428** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **54,926** Roadway(s) impacted (miles) **100**

Number of low water crossings **5** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

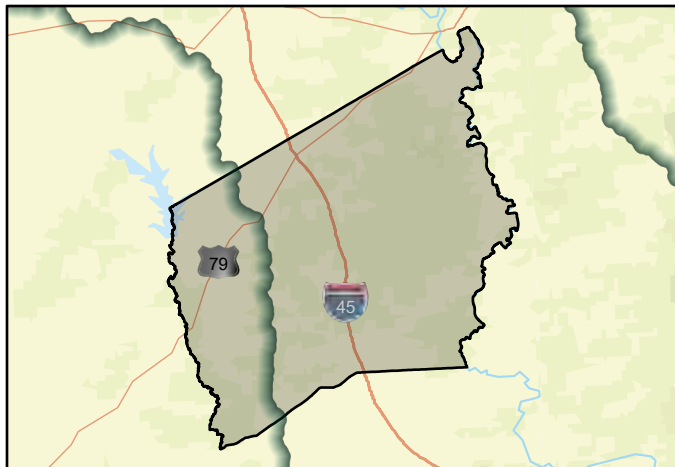
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Fate Floodplain Acquisition and Preservation Program**

ID# **032000066** Sponsor **Fate**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire, reuse, and preserve open spaces adjacent to floodplain areas to reduce the impacts of flooding**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **12**

County **Rockwall**

Existing 100-Year Flood Risk

Population at risk **51** # of structures **13** Critical facilities **2**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **231** Roadway(s) impacted (miles) **2**

Number of low water crossings **2** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **Acquire open space to preserve floodplains and** Reduction in # of road closures over 10 years **-**

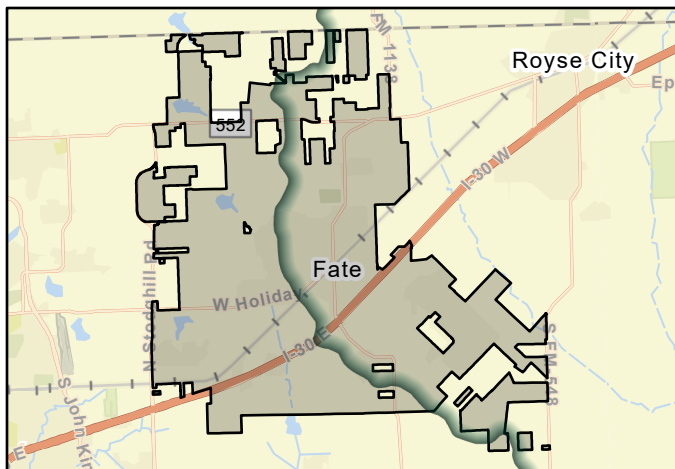
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$-** % Nature-Based **100**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Kennedale Property Acquisition Program - Village Creek**

ID# **032000067** Sponsor **Kennedale**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire all private property located within the Village Creek 100-year floodplain in the City of Kennedale**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301020403,120301020404,120301020405** Drainage area (mi², est.) **7**

County **Tarrant**

Existing 100-Year Flood Risk

Population at risk **2,438** # of structures **167** Critical facilities **4**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **146** Roadway(s) impacted (miles) **4**

Number of low water crossings **12** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

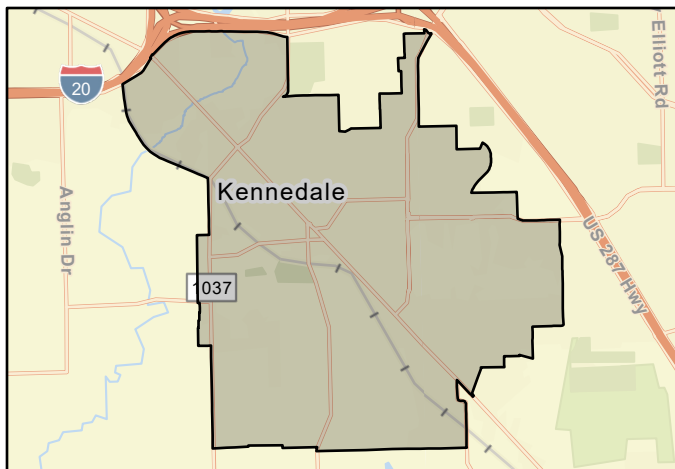
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Mansfield Property Acquisition Program**

ID# **032000068** Sponsor **Mansfield**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **Acquire properties at risk of flooding and permanently remove them from special flood hazard areas.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301020603,120301020601,120301020604,120301020605,1203010204** Drainage area (mi², est.) **36**

County **Tarrant**

Existing 100-Year Flood Risk

Population at risk **2,492** # of structures **422** Critical facilities **163**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **778** Roadway(s) impacted (miles) **30**

Number of low water crossings **530** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

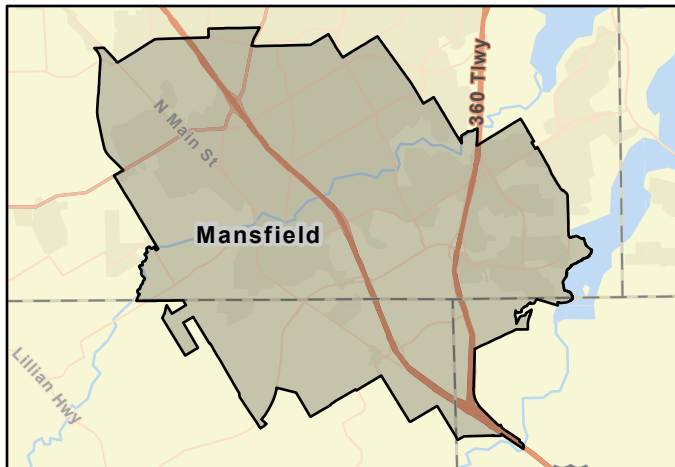
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Tarrant County Property Acquisition Program**

ID# **032000069** Sponsor **Tarrant County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Create a Buyout Program for Repetitive Loss Properties**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120302020601,120302020504** Drainage area (mi², est.) **900**

County **Tarrant**

Existing 100-Year Flood Risk

Population at risk **78,224** # of structures **14,853** Critical facilities **11**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **20,063** Roadway(s) impacted (miles) **468**

Number of low water crossings **5** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

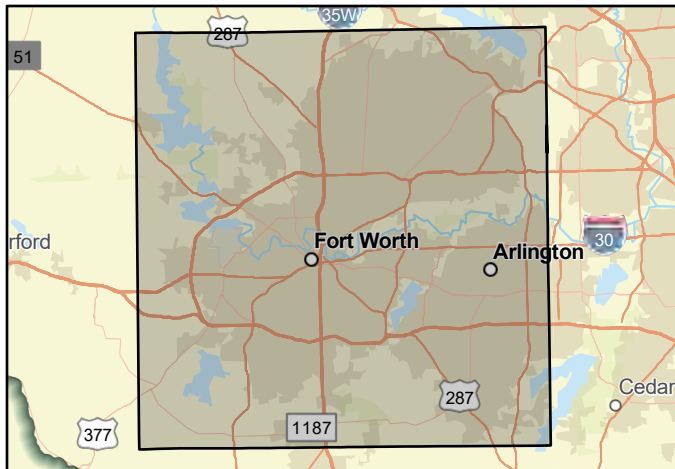
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Walker County Voluntary Buyout Program**

ID# **032000070** Sponsor **Walker County, New Waverly, Riverside**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **The county and partnering jurisdictions will begin a voluntary buyout program for insured severe repetitive loss properties that are in the floodplain**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120302020601,120302020504** Drainage area (mi², est.) **798**

County **Walker**

Existing 100-Year Flood Risk

Population at risk **70** # of structures **100** Critical facilities **11**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **24,889** Roadway(s) impacted (miles) **59**

Number of low water crossings **16** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

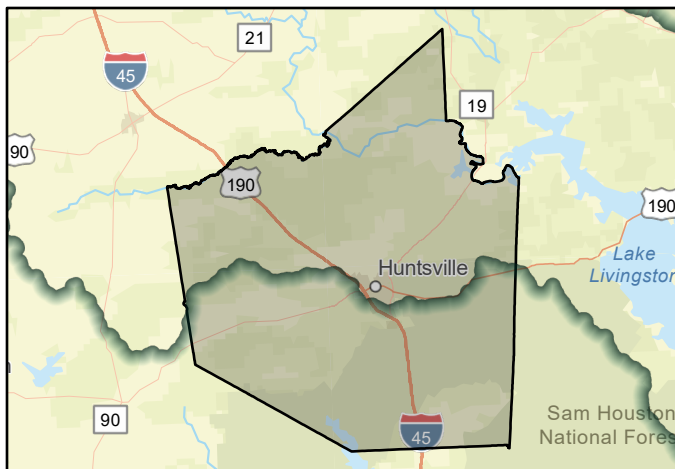
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Wise County Repetitive Flood Loss Buyout Program**

ID# **032000071** Sponsor **Wise County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Develop a buyout program for repetitive flood loss areas within the county**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120302020601,120302020504** Drainage area (mi², est.) **919**

County **Wise**

Existing 100-Year Flood Risk

Population at risk **1,558** # of structures **1,118** Critical facilities **2**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **35,896** Roadway(s) impacted (miles) **100**

Number of low water crossings **0** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

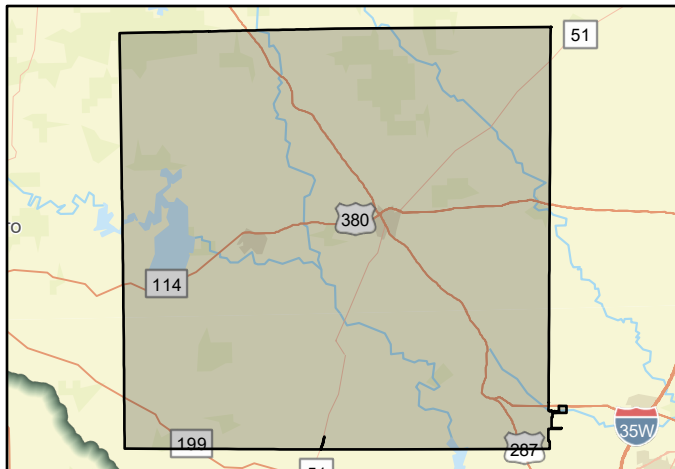
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

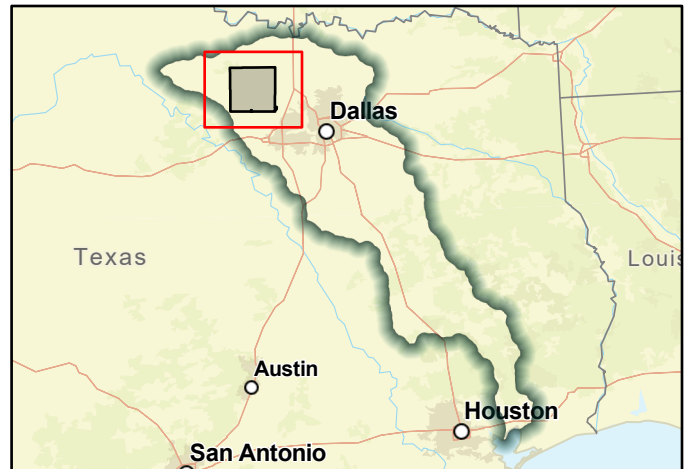
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Chico Property Acquisition Program**

ID# **032000072** Sponsor **Chico**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **City will acquire property and structures in the flood zone along Dry Creek and its tributaries and remove structures to prevent loss of life and property during flooding events.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301010410,120301010411** Drainage area (mi², est.) **2**

County **Wise**

Existing 100-Year Flood Risk

Population at risk **0** # of structures **0** Critical facilities **1**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (miles) **2**

Number of low water crossings **17** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

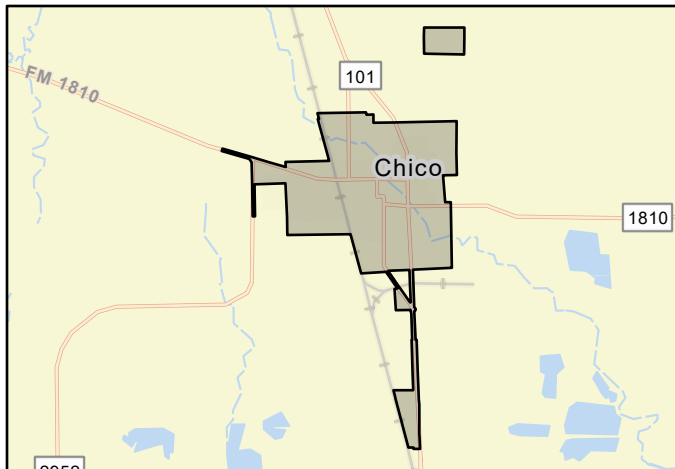
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Town Creek Warren Park Extension (Property Acquisition Program)**

ID# **032000073** Sponsor **Burleson**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Regulatory and Guidance**

Strategy description **Create a buyout program**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301020401,120602020202,120301090101,120301020304,1203010206** Drainage area (mi², est.) **28**

County **Tarrant**

Existing 100-Year Flood Risk

Population at risk **1,305** # of structures **269** Critical facilities **3**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **1,046** Roadway(s) impacted (miles) **18**

Number of low water crossings **10** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

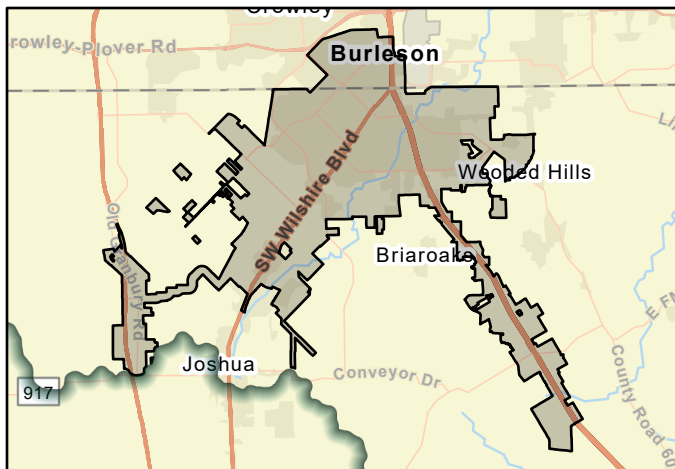
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

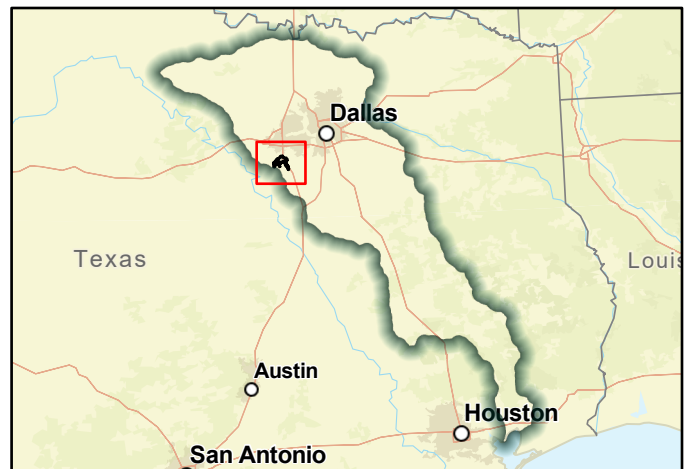
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$5,000,000** Amount of available funding **\$500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **City of Hurst Buyout Program**

ID# **032000074** Sponsor **Hurst**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Property Acquisition and Structural Elevation**

Strategy description **107 total structures across the Lorean, Valley View, and Walker watersheds**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301020506,120301020704,120301020505** Drainage area (mi², est.) **10**

County **Tarrant**

Existing 100-Year Flood Risk

Population at risk **1,276** # of structures **287** Critical facilities **6**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **18** Roadway(s) impacted (miles) **9**

Number of low water crossings **6** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **107**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

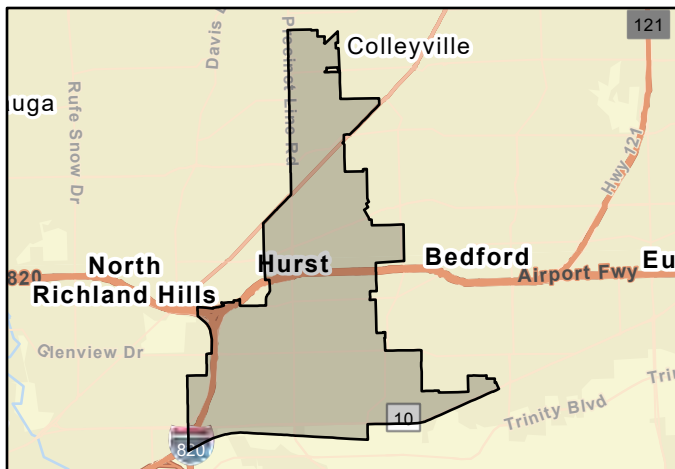
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$25,000,000** Amount of available funding **\$2500000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Anderson County Flood Education Program**

ID# **032000075** Sponsor **Anderson County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Coordinate and implement a natural hazards public awareness campaign. Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **-** Drainage area (mi², est.) **1,073**

County **Anderson**

Existing 100-Year Flood Risk

Population at risk **1,408** # of structures **667** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **36,104** Roadway(s) impacted (miles) **73**

Number of low water crossings **0** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

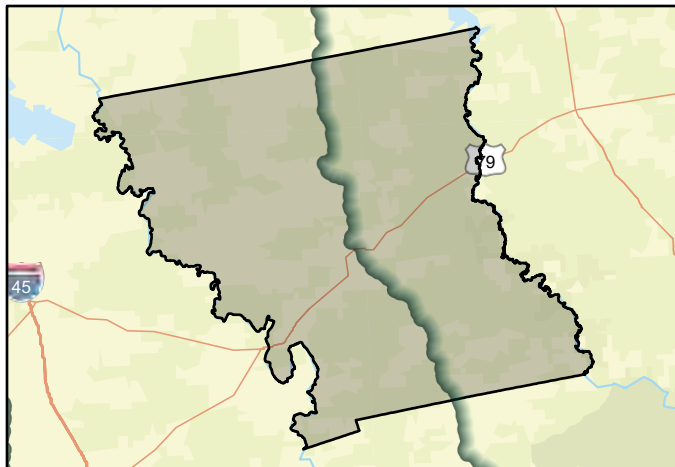
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Cooke County Flood Education and Flood Insurance Public Awareness Program**

ID# **032000077** Sponsor **Cooke County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Education of the public on the importance of Flood Insurance. "Turn Around Don't Drown" campaign.		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	893
Watershed HUC# (if known)	-	County	Cooke

Existing 100-Year Flood Risk

Population at risk	2,077	# of structures	1,328	Critical facilities	7
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	40,879	Roadway(s) impacted (miles)	81		
Number of low water crossings	17	Historical road closures	-		

100-Year Flood Risk Reduction

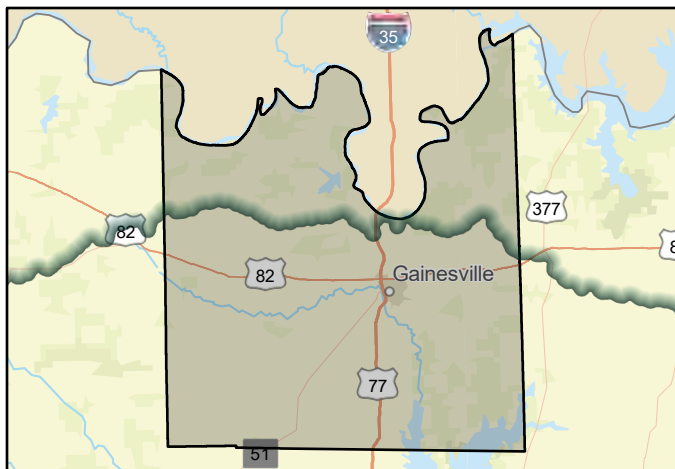
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	No	Reduction in # of road closures over 10 years	-

Impacts

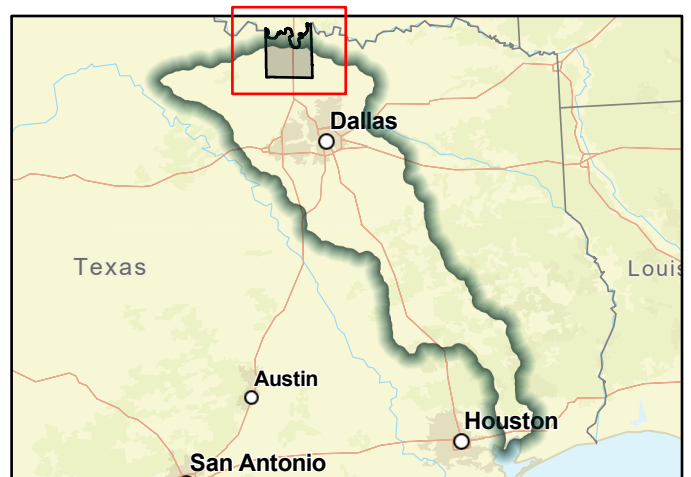
Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$50,000	Amount of available funding	\$5000	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Glenn Heights-Seagoville-Wilmer Flood Safety Improvements and Education**

ID# **032000078** Sponsor **Glenn Heights, Seagoville, Wilmer**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Educate community on the dangers of low water crossings through the installation of warning signs and promotion of "Turn Around, Don't Drown" Program		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	34
Watershed HUC# (if known)	120301050301,120301050204,120301050202,120301060505,1203010605	County	Dallas

Existing 100-Year Flood Risk

Population at risk	1,610	# of structures	440	Critical facilities	0
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	2,059	Roadway(s) impacted (miles)	18		
Number of low water crossings	0	Historical road closures	-		

100-Year Flood Risk Reduction

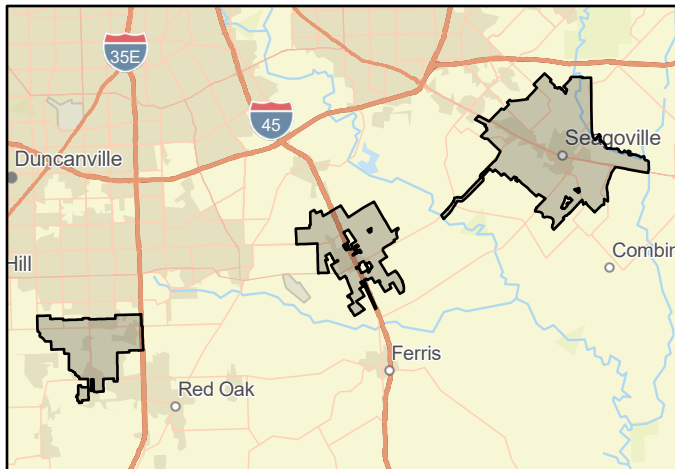
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	No	Reduction in # of road closures over 10 years	-

Impacts

Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$50,000	Amount of available funding	\$5000	% Nature-Based	0
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FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Krum "Turn Around, Don't Drown" Campaign**

ID# **032000079** Sponsor **Krum**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Implement "Turn Around, Don't Drown" campaign.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi², est.) **2**

County **Denton**

Existing 100-Year Flood Risk

Population at risk **72** # of structures **31** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **127** Roadway(s) impacted (miles) **2**

Number of low water crossings **0** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

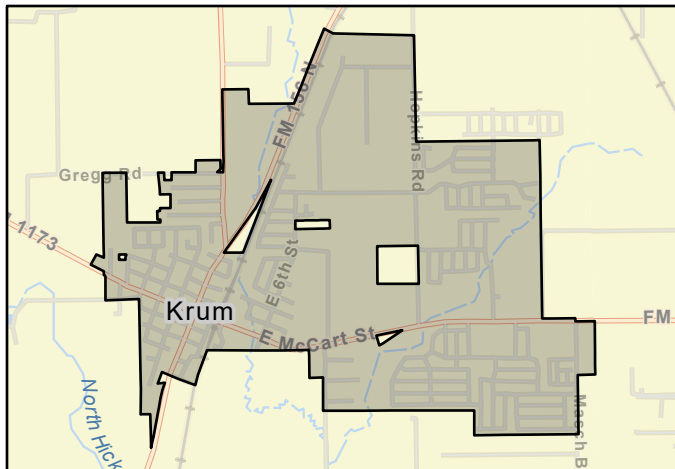
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$5000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Fannin County Flood Safety Education**

ID# **032000080** Sponsor **Fannin County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Education programs such as "Turn around Don't Drown." Work with local newspaper to run flood safety information. Public education via water bills, social media, and webpage to promote flood safety.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi², est.) **897**

County **Fannin**

Existing 100-Year Flood Risk

Population at risk **93** # of structures **139** Critical facilities **0**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **1,783** Roadway(s) impacted (miles) **4**

Number of low water crossings **0** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

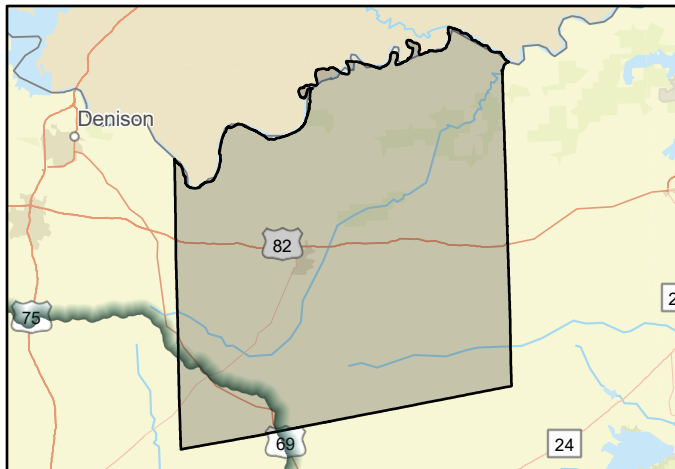
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$2500** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Fannin County Flood Insurance Education**

ID# **032000081** Sponsor **Fannin County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Develop and distribute information about the availability and need for flood insurance. Public awareness of NFIP.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi², est.) **897**

County **Fannin**

Existing 100-Year Flood Risk

Population at risk **93** # of structures **139** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **1,783** Roadway(s) impacted (miles) **4**

Number of low water crossings **1** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

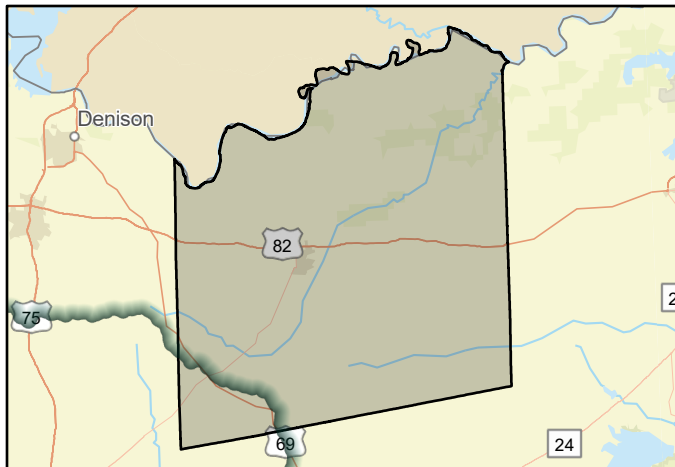
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$-** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Grayson County Flood Insurance and Flood Safety Education Program**

ID# **032000082** Sponsor **Grayson County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Educate residents on NFIP program and importance of purchasing flood insurance. Turn Around Don't Drown Campaign. Educate property owners near high hazard dams of potential dam failure. Better inform residents of mitigation activities to implement in h**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi², est.) **976**

County **Grayson**

Existing 100-Year Flood Risk

Population at risk **541** # of structures **436** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **21,311** Roadway(s) impacted (miles) **43**

Number of low water crossings **1** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

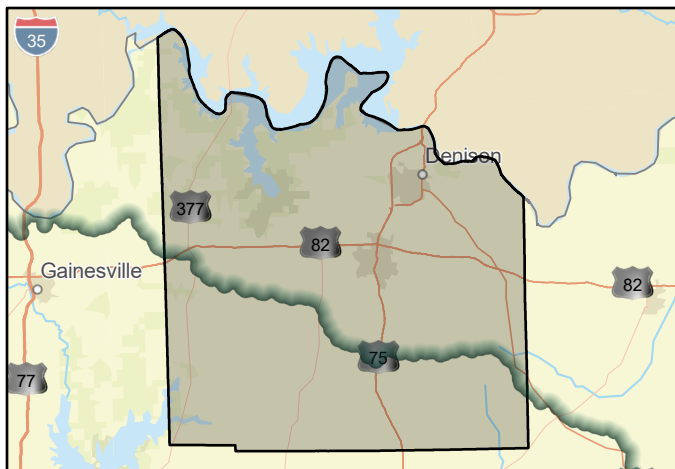
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

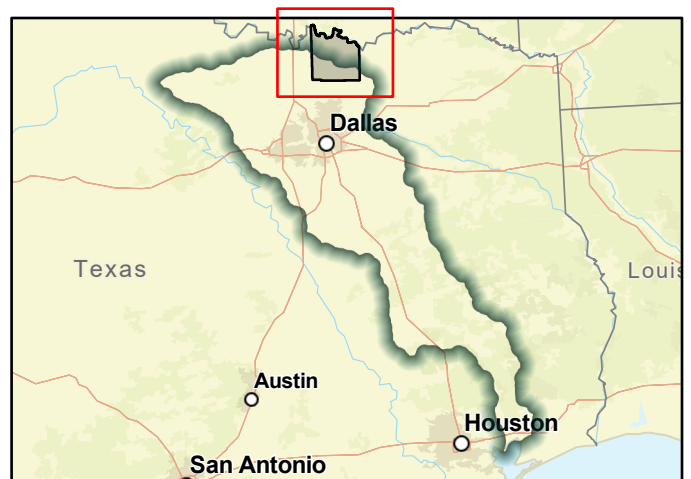
Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$5000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Hill County Flooding Education and Outreach Program**

ID# **032000084** Sponsor **Hill County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Develop a coordinated education, outreach, and training program to inform and educate the public about the dangers of flooding and how to prevent flood damages to property.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301020105** Drainage area (mi², est.) **982**

County **Hill**

Existing 100-Year Flood Risk

Population at risk **109** # of structures **127** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **24,902** Roadway(s) impacted (miles) **24**

Number of low water crossings **18** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

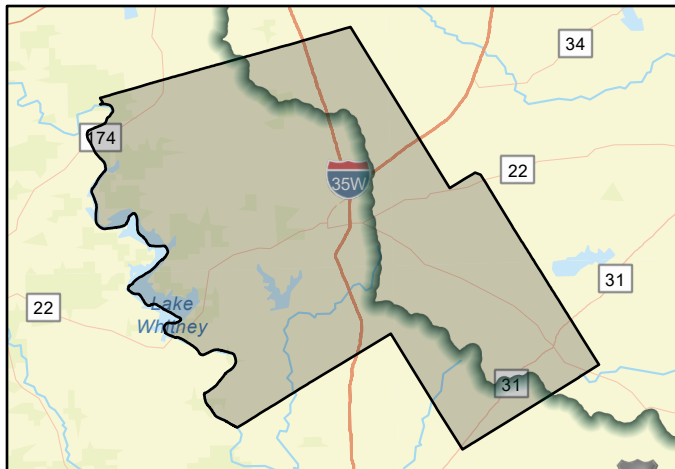
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$5000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Houston County Flood Insurance and Dam Education Program**

ID# **032000085** Sponsor **Houston County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type **Education and Outreach**

Strategy description **Develop and implement NFIP public education program for residents affected by high flood risk areas. Educate the Public on mitigation activities that can help protect their properties in the event of structural failures and extreme flooding.**

Associated FME's **-** Associated FMP's **-**

Associated FMS's **-**

Watershed HUC# (if known) **120301030803,120301030801** Drainage area (mi², est.) **1,232**

County **Houston**

Existing 100-Year Flood Risk

Population at risk **0** # of structures **0** Critical facilities **5**

Flood risk type: Riverine? **Yes** Coastal? **No** Local? **No** Playa? **No** Other? **No**

Farm/Ranch land impacted (acres) **0** Roadway(s) impacted (miles) **110**

Number of low water crossings **18** Historical road closures **-**

100-Year Flood Risk Reduction

Population removed from 100-yr **-** # of structures removed from 100-yr **-**

Critical facilities removed from 100-yr **-** Farm/Ranch land removed from 100-yr (acres) **-**

Road removed from 100-yr (miles) **-** Low water crossings removed from 100-yr **-**

Other benefits **No** Reduction in # of road closures over 10 years **-**

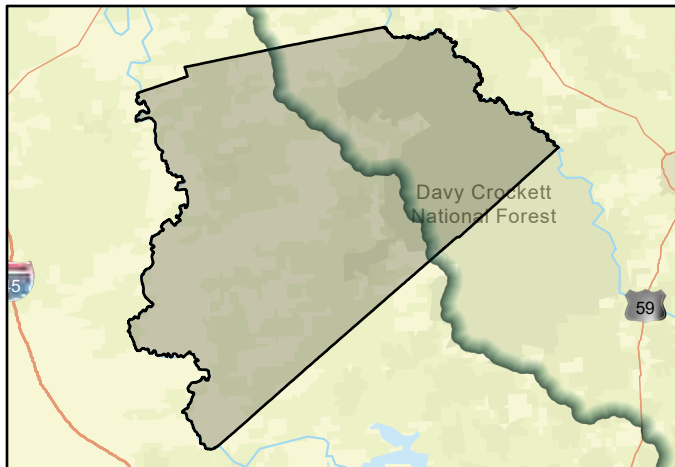
Impacts

Negative impacts? **No** Negative impacts description **No negative impact.**

Water supply contributions? **No** Water supply contribution description **-**

Estimated Cost

Strategy Cost **\$50,000** Amount of available funding **\$5000** % Nature-Based **0**



FMS area



Regional view of FMS area

Flood Management Strategy (FMS)



Title **Jack County Flood Education**

ID# **032000087** Sponsor **Jack County**

RFPG recommend? **Yes** Reason for Recommendation **Action aligns with goals and meets TWDB guidance**

Strategy Details

Strategy type	Education and Outreach		
Strategy description	Implement a flood awareness program by providing FEMA / NFIP materials to mortgage lenders, real estate agents and insurance agents		
Associated FME's	-	Associated FMP's	-
Associated FMS's	-	Drainage area (mi ² , est.)	917
Watershed HUC# (if known)	120301030402,120301030404	County	Jack

Existing 100-Year Flood Risk

Population at risk	117	# of structures	116	Critical facilities	13
Flood risk type:	Riverine? Yes	Coastal? No	Local? No	Playa? No	Other? No
Farm/Ranch land impacted (acres)	5,106	Roadway(s) impacted (miles)	55		
Number of low water crossings	16	Historical road closures	-		

100-Year Flood Risk Reduction

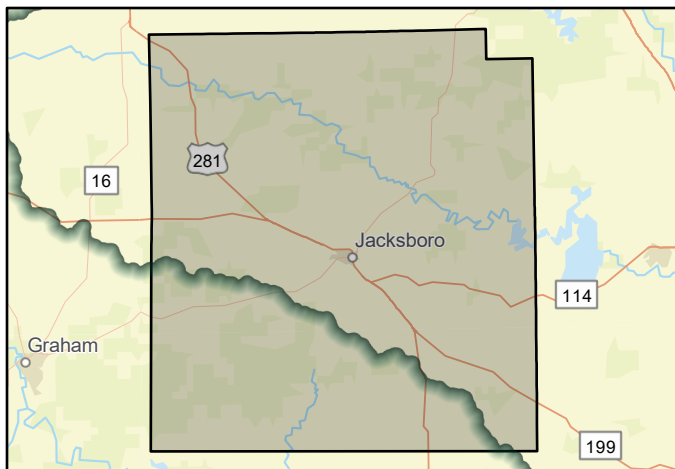
Population removed from 100-yr	-	# of structures removed from 100-yr	-
Critical facilities removed from 100-yr	-	Farm/Ranch land removed from 100-yr (acres)	-
Road removed from 100-yr (miles)	-	Low water crossings removed from 100-yr	-
Other benefits	No	Reduction in # of road closures over 10 years	-

Impacts

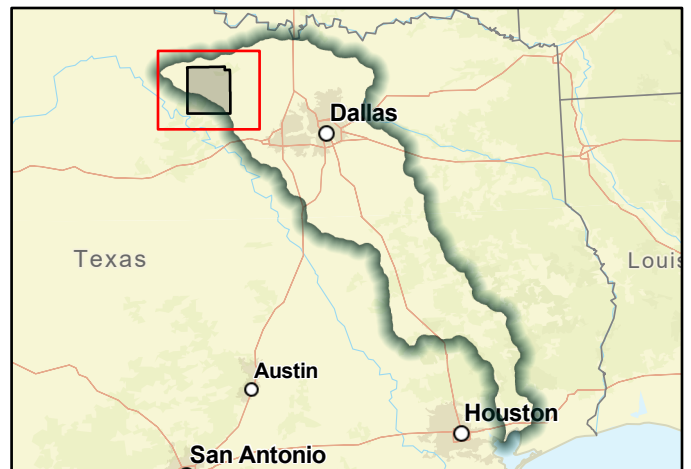
Negative impacts?	No	Negative impacts description	No negative impact.
Water supply contributions?	No	Water supply contribution description	-

Estimated Cost

Strategy Cost	\$50,000	Amount of available funding	\$5000	% Nature-Based	0
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FMS area



Regional view of FMS area